prefe55.c(Amended) wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication device (MS1-MS4) to a second wireless communication a deviced (MS1-MS4), deanded wherein a the, who bile communication anetwork of (PLMN) iccomprises globe and for acconverting the information to be transmitted into a format suitable for the second wireless communication device (MS1-MS4) and a second wireless communication device (MS1-MS4).

Cancel Claims 156 and 157. The restant a container to blaim 1, further comprished steps for establishing it will for transmitting Add the following Claims: or summation device (MS1-MS4) for wherein said second contains action device (MS1-MS4). St. 51 wherein said second time 158. A method of manufacturing aswireless communication device (MS1-MS4) in a mobile communication network (PLMN) and information relating to at least one property of said wireless communication device (MS1-MS4) is stored in said wireless communication device (MS1-MS4) reand wherein an information element for storing said information for identifying said-wireless communication device and said information relating to at least one property of the wireless communication device (MS1-MS4) is formed in the wireless communication device (MS1-MS4).

59. A method according to claim 58, in which an International Mobile Station Equipment Identity (IMEI) is defined for and stored in said wireless communication device (MS1-MS4), and wherein the information relating to at least one property of the wireless communication device is stored in the International Mobile Station Identity (IMEI).

REMARKS

Claims 1 - 55 have been amended.

Claims 56 and 57 have been cancelled and Claims 58 and 59 have been added.

Claims: 1: -: 55,0:58; canda 59: rare minitthe case: onverted into a format subtable for the second wireless dominioation device (MS2 in the first communication device (MS2).

It was indicated that the IDS filed with the application on 28 April 2000 was not considered for failure to comply with 37GFR-¶ 1.98(a)(2); which requires a legible copy of each U.S. dand foreign patent, and each publication, or the part of the publication that caused it to be listed.

Claims 4, 6 - 22, 27, 41, 48, 52, 53, 56, and 57 were objected to for inappropriate spelling of certain of the terms therein, i.e., "characterised", "centre", and "optimised".

Claims 1 - 4, 6, 13 - 29, 37 - 44, and 47 - 57 were rejected under 35 U.S.C. § 102(e) as anticipated by the reference PHILLIPS (U.S.Pat.No.6,188,898).

Claims 5, 7 - 12, 30 - 36 and 45 - 46 were rejected under 35 U.S.C. § 103(a) as being obvious and unpatentable over the PHILLIPS reference in view of the combination of the reference KURIKI (U.S.Pat.No.5,765,105).

REPLY:

وووالند واستودها

Firstly, Applicants do not understand what is the specific problem with the legibility of the copies of the cited references in the IDS since the copies in their records are all quite legible. Applicants would be happy to submit a new set of copies but as the the total number of pages is somewhat large, if the Examiner can be more specific as to the individual documents, the pertinent pages will be submitted. It is requested that the Examiner call the Applicants' undersigned attorney with the appropriate information and the necessary copies will be promptly sent by fax or mail as desired.

Next, the claims have been appropriately amended to correct the informalities in and better conform their language to U.S. practice and are now submitted to be in keeping with the requirements of the statutes.

With regard to the anticipation rejection based on the teaching of the PHILLIPS reference, Applicants respectfully disagree with the Examiner's understanding of the PHILLIPS disclosure. It is believed that a close reading will show that PHILLIPS discloses a mobile communications network which is adapted to serve mobile terminals having different operating protcols. The disclosed network includesemulti-mode base stations each capable of operating selectively in at least some of those operating protocols and each base station has means for interrogating a mobile terminal so as to determine that terminal's operating protocol (see PHILLIPS' Abstract). In contrast, Applicants' invention, as claimed, relates to "storing and informing at least one property of a wireless communication device (MS1 - MS4) to a mobile communication network is characterized by storing parameter representing at least one property of the wireless communication device (MS1- MS4) in the wireless communication device (MS1 - MS4) and transmitting the parameter data from the wireless communication device (MS1 - MS4) to the mobile communication network (PLMS) (e.g., see Claim 1 as filed).

In evaluating the features of the Applicants! invention, it is important to consider the details of the interrogation performed according to PHILLIPS, as the Examiner appears to equate that interrogation process with the transmission of parameter data according to the Applicants' invention. However, this equating is not at all justified, as PHILLIPS does not disclose, nor does he suggest that, any parameter data is transmitted from the mobile terminal. In fact, PHILLIPS states that, in a mobile originated call, the operating protocol employed by a particular mobile terminal is determined "from the frequency band and the format of the request signal" (see Col. 3, lines 41 to 45). Furthermore, at Col. 3, lines 50 to 52, PHILLIPS states that "Measurement of the particular frequency employed by the mobile terminal establishes the required protocol for communication with the terminal". Thus, according to PHILLIPS' teaching, for a mobile originated call, the operating protocol of a mobile terminal is determined by measurements on the radio path made at a receiving base station, not by receiving parameter data transmitted from the mobile In the mobile terminated call set-up, information regarding the operating protocol employed by the receiving terminal is retrieved from the terminal's home location register (see Col.

Incline 65 deto Col: 147 line 8) 325 Again, 5 this does not involve receiving parameter data transmitted from the mobile terminal.

It is noted that the PHILLIPS reference does include a claim (Claim 7) stating that the operating protocol of a mobile terminal requesting service is determined by negotiation between the network and the mobile terminal (see Col. 6, lines 4 to 6). However, the technical description provides no teaching or suggestion as to how this negotiation might be achieved and there is certainly no reference to parameter data in this context.

It is well recognized that "to constitute an anticipation, all material elements recited in a claim must be found in one unit of prior art", Ex. Parte Gould, BPAI, 6 USPQ 2d, 1680, 1682 (1987), citing with approval In re Marshall, 578 F.2d 301, 304, 198 USPQ 344, 346 (CCPA 1978). Anticipation requires that every element of the claimed invention be previously "described in a single reference." Scripps Clinic & Research Found. v. Genentech, Inc., 927 F.2d 1565, 1576 (Fed. Cir. 1991). It should be seen then from the foregoing considerations that PHILLIPS fails to teach, in a mobile communication network, the storing of parameter data representing at least one property of a wireless communication device in the wireless communication device and transmitting that parameter data from the wireless communication device to the mobile communication network. Accordingly, it is submitted that PHILLIPS teaching does not anticipate Applicants' invention as now defined in Claim 1 and the other claims herein.

Turning to the rejections under 35 U.S.C. § 103(a), given the considerations of the lack of applicability of the PHILLIPS teaching to Applicants' invention discussed above, the contribution of the teaching of the KURIKI reference must be evaluated to determine whether it can make up for what is lacking to produce a combination of teachings rendering Applicants' invention obvious to those of skill in the art. KURIKI appears to disclose a communication system in which subscriber identity modules (SIMs), implemented as cards and mounted in mobile stations (MSs), share a single international mobile subscriber identify (IMSI). When any one of the MSs generates an authentication and registration request, a mobile services switching center (MSC) at a home station writes information representative of the combination of the IMSI

and othe minternational mobile equipment identity: IMEA of the omobile station in question in a home location register (see KURIKI's Abstract). The Examiner contends that it would have been obvious for one of ordinary skill in the art to combine KURIKI's teaching with those of PHILLIPS and arrive at Applicants invention as chained, ie.g., the Claiming as marrive at Applicants (respectfully disagreethatuthis is the ecase, when the following means ce (MS1-disagreethatuthis is the ecase, when the following measure (MS1-disagreethatuthis is the ecase, when the following measure (MS1-disagreethatuthis is the ecase, when the following measure (MS1-disagreethatuthis is the ecase).

S2), further comprising means for converting the It will be seen that KURIKI discloses how an "information holding information to be transmitted into a formation suitable for the second device holds combination information representative of the combination of the subscriber identity information and terminal identification lainformation fort identifying and communication terminalation(seecola 2, relinesed 0 to 015).saIn general terms pland as presently defined in Applicants' claims, the specification discloses the formation of an information element comprising information for identifying a wireless communication device and information relative to at least one property of the wireless communication device, which information element is stored in the wireless communication device at It should be appreciated that the combination information referred to by KURIKI is stored in the communications network, not in the mobile terminal. a wireless communication device (NSI-MS4); This can be clearly understood from the detailed description of KURIKI's invention provided in his specification and specifically from Col. 4, lines 52 to 54, where it is stated that here MSC 81 registers leinformation are presentative Stof Sthein IMSTEL mandle IMEII combination at an authentication area defined in the HLR". - As is well known to those skilled in the art, the HLR is located in the communication network. Furthermore, it is clear from the specification that in KURIKI's invention combination information is not stored in the mobile terminal. Figures 1a and 1b show how the IMSI and the IMEI are stored separately in the terminal. - MIn fact, only the IMEI is stored in the terminal and the IMSI is actually stored in a SIM attached to the terminal (i.e, not strictly within the terminal at all).

It should further be noted that KURIKI's combination information relates only to identification information, that is, information for identifying either the mobile subscriber (IMSI) or the mobile equipment (IMEI). KURIKI certainly does not suggest the combination of identification information with other types of information, such as those referred to in Applicants'

specification as twhich pidescribe of the properties omofinia atwineless communication device (MS1-MS4)

to said mobile communication network (PLMN); and Regarding the Examiner's contention that those of skill would be motivated to combine KURIKI's teachings with those of PHILLIPS in a manner ethat a would fachteve Applicants foinvention Applicants believe fornaview of the earquments set for the above mne hating oto the inapplicability; of the teachings of these two references to their invention, that it is clear that such a motivation cannot be found in these references and does not exist. By way of a specific example, PHILLIPS does not disclose the transmission of parameter data and KURIKI does not disclose the storage of combination informationmeinled; mobilereterminal muniThus; n the teombination; of KURIKI's teachings with those of PHILIIPS cannot the sibly ileadate a teaching of a method, apparatus, or system equivalent to those of Applicants! invention and as presently defined in the claims. If communication device from said wireless communication device (MS1-a combination of PHILLIPS and KURIKI's teachings were attempted, the result would most likely be a communications network having the capability rof f identifying ather operating protocol/SofMSa) mobile terminal from the frequency band and format of a registration request received from the mobile terminal, as well as the ability of allowing mobile subscribers with identical IMSIs to communicate within the network. This would not provide an approach to Applicants invention: farmer connected means (ANT.12) for transmitting said information relating to at least one property of Accordingly, for the foregoing reasons, it is submitted that all of the present claims in the application are clearly novel and patentable over the prior art and in proper form for allowance, so that a prompt reconsideration of the rejections, allowance of the claims and passage to issue of this application is respectfully requested. Amended The Vicaless doubting in ion system abdording to Class will forther comprising means (6) our mechang the information A two-month extension of time to respond to the outstanding Office Action is hereby petitioned and a check in the amount of \$400.00 is enclosed to cover the fee therefor. settle with said wireless communication layide (MS1-MS4), and

No further feel is believed to be necessary for the entry of this Amendment, but if any such fee has been overlooked,—the Commissioner is hereby requested and authorized to charge any other fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

This was a few more administration system

Ascthereg was notaindication:rinethecoited:iOfficearActionTthat the drawings tiledaiwith the atapplication gwere defective popfurther drawings will be filed upon allowance of the case. The wireless communication device from said wireless communication device from said wireless communication device from said wireless communication review (PLMN) in Respectfully submitted, connection with a handover.

(Twice Americal) The Vireless communication system (Thomas P. Dowd Date Thomas P. Dowd Date Reg. No. 24, 586 ting to at least one property of the wireless Perman & Green, all ple comprises an Teles (203) n259-1800le Station 425 i PosttRoadntity (IMEI). Fax. (203) 255-5170 Fairfield, CT 06430

Customer No.: 2512 Amended) The wireless communication system according to claim 41, wherein the mobile communication network (PLMM) comprises meansceptificate of MAILINGs information relating Inherebysecertify that this correspondence is being deposited with the United States Postale Service non the date indicated below as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

Patents, Washington, D.C. 20231.

48. (Amended) The wireless communication system according to claim 47. comprising a nobile services of techniq center (MSC1), wherein the information relating to at least one property of the Date: Oct. 30, 2001. Signature: Washing Deposit Person Making Deposit

- according to claim $\sqrt{7}$, comprising a regionary of the wireless communication device is stored in sail to later (GR).
- 21. Amended, The wireless Communication system according to claim 41. Surther comprising means for a maurication between the communication between the communication of action of the communication decided (171-18) Si (20), and wrotes more included communication contains a communication contains a communication contains a contains a contains of the contains and contains and contains a contains a

Application SERIAL cNOts sa99/560:480 communication device (MS1-MS4, S1, S2).

Marked Up Claim(s)

- 1. (Twice Amended) The wireless Communication system according to claim 41, further comprising means for communication property of a wireless communication device (MS1-MS4) to a mobile between the mobile communication network (PLMN), in which information for identifying communication network (PLMN), in which information the mobile communication network (PLMN), in which information for identifying communication network (PLMN), in which information the mobile communication network (PLMN) and wherein the mobile communication network (PLMN) is stored in the wireless transmitting the information relating to (, characterized in the wireless communication device and information relating to (, characterized in the wireless communication device to said another communication that parameter data representing said at least one property of network (PSTN, PDN).

 said wireless communication device (MS1-MS4) is stored in said wireless communication device (MS1-MS4) to the mobile communication claim 41. further comprising means for establishing a call for network (PLMN), wherein an information element for storing said communication between the wireless communication device (MS1-MS4) to the mobile communication relating to at least one property of the wireless communication device (MS1-MS4).

 S1. S2. wherein the said information relating to at least one property of the wireless communication device (MS1-MS4) is formed in the wireless least one property of the wireless communication device (MS1-MS4).
- 2. (Amended) The method according to claim 1, [characterized in that] wherein said [parameter data] information relating to at least one property of the wireless communication device is transmitted from said wireless communication device (MS1-MS4) to the mobile communication network in connection with registration of said wireless communication device (MS1-MS4) to the mobile communication network (PLMN).
- 3. (Twice Amended) The method according to claim 1, wherein [characterized in that] said [parameter data] information relating to at least one property of the wireless communication device is transmitted from said wireless communication device (MS1-MS4) to the mobile communication network prior to a call being set-up with said wireless communication device (MS1-MS4).

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- (characteriszedsingthat) sther[parameteridata] finformation relating to ratheleastonen property dof wireless) communication device less checked ctoidetermine eif itsismappropriate for the type of metalle during icallicset aup with (Isaid) wireless communication device n(MSI te MSA) or and where in a call istnoties tablished in the [parameter stata] information metaling or toleated east one) property of the wireless communication device is not appropriate for the type of call. Cancel Claims 56 and 57.
- 5. (Twice Amended) The method according to claim 1, wherein [characterized/ingthat] msaid [parameter data] information relating to at least one property of the wireless communication device is transmitted from said swireless communication device (MS1=MS4) vitos the mobile communication network in connection with an handowerless communication device (MS1-MS4) in a mobile communication network (PLM6. *(Twice Amended) The method according to claim the wherein [characterised in sthat] the sparameter data] tinformation relatings to maturization epropertyl of the swireless icommunication device wis transmitted to a mobile services switching [centre] scenter i(MSC4) softwhe mobile dommunication network t(PLMN), storagates erving s GPRS supportunode t(SGSN) teless communication device (MS1-MS4) is formed in the service transmitted to the supportunode to the service of the swireless communication device (MS1-MS4) is formed in the service transmitted to the service of the swireless communication device (MS1-MS4) is formed that the service of the swireless communication device (MS1-MS4) is formed to the service of the swireless communication device (MS1-MS4) is formed to the service of the swireless communication device (MS1-MS4) is formed to the service of the swireless communication device (MS1-MS4) is formed to the service of the service of the swireless communication device (MS1-MS4) is formed to the service of the swireless communication device (MS1-MS4) is formed to the service of the swireless communication device (MS1-MS4) is formed to the service of the swireless communication device (MS1-MS4) is formed to the swireless communication device (MS1-MS4) is formed to the service of the swireless communication device (MS1-MS4) is formed to the swireless communication device (MS1-MS4) is formed to the swireless communication device (MS1-MS4) is formed to the swireless communication device of the swireless c
- 7. (Twice Amended) The method according to claim 1, in which method an international Mobile Station Equipment Identity = (IMEI) ris. defined for said wireless = communication device = d(MS1-MS4) = and wherein [characterised in that] the [parameter | data] information relating to at least one property of the wireless communication device is stored in the International Mobile Station Edentity (IMEI).
- 8. (Amended) The method Maccording to claim 7, wherein [characterised in that] the International Mobile Station Equipment Identity (IMEI) comprises at least one field for storing the [parameter data] information relating to at least one property of the wireless communication device, and [that] the length of said

fieldsis fixed, 58, and 59 are in the case.

- 9. (Amended) The method according to claim 7, wherein [characterised in that] the International Mobile Station Equipment It was indicated that the IDS filled with the application on 28 Identity (IMEI) nomprises at least one field on for storing of the wireless communication relating to at least one, property of the wireless communication device; hand [that] the Wength of said field is tariable listed.
- Claims 4, 6 22, 27, 41, 48, 52, 53, 56, and 57 were objected to for 10. (Twice Amended) The method according to claim 7, wherein [characterised in that] the International Mobise Station Equipment Identity (IMEI) is divided into a non-modifiable part and a modifiable part, and [that] at least part of the [parameter data] information relating to at least one property of the wireless communication device is stored in said modifiable part.
- Claims 5, 7 12, 00 36 and 45 46 wars researed under 35 U.S.C. § 10113 (Twice Amended) The method according to claim 7, wherein [characterised in that] the International Mobile Station Equipment Identity (IMEI) is stored in connection with manufacturing of the wireless communication device (MS1-MS4).
- [characterised in that] the International Mobil Station Equipment Identity (IMEI) is updated in connection with a change[s of] in the properties of the wireless communication device (MS1-MS4).

 [characterised in that] the [parameter data] information relating to at least one property of the wireless communication device (MS1-MS4) is stored at least in the mobile services switching [centre] center (MSC1) of the mobile communication network (PLMN).
- 14. (Twice Amended) The method according to claim 1, wherein [characterised in that] the [parameter data] information relating

to tat rleast onet property of the wireless communication devices is stored temporarily in the mobile communication hetwork (PLMN)h the Examiner's understanding of the PHILLIPS disclosure. believed that a close reading will show that PHILLIPS discloses a mobile communications network which is adapted to serve mobile [characterised in that] the wireless communication device (MS1-MS4-d S39)tw[cis] icomprises uatmobile phone tations each capable of operating selectively in at least some of those operating protocols and each base station has means for interrogating a Tobile terminal so as to 16. (Twice Amended) The method according to claim 1, wherein determine that terminal's operating matricol (see PHILLIPS [characterised in that] the wireless communication device (MS1-MS4) Abstract). In contrast, applicants inventor, as Claimed, relates [is] comprises a Communicator: least one property of a wireless communication device (MS1 - MS4) to a motile communication network (PLMN17. (Twice Amended) The method according to claim ite wherein [characterised in that] the wireless communication device (MS1-MS4) device (MS1- MS4) in the wireless communitation device (MS1 - MS4) [is] comprises a radio card. and currently the parameter date from the circless communication Trelesa ochmunication device (MS1 - MS4) to the mobile confinitation network (PLMS) (e.g.18....(Twice Amended) The method according to claim 1, wherein [characterised in that] the [parameter data] information relating In evaluating the features of the Applicants' invention, it is to at least one property of the wireless communication device information about [the] at least property[ies] of the wireless communication device (MS1-MS4). according to the Applicants' have then -: sever othis aguating is 19. (Twice Amended) The method according to claim 1, wherein [characterised in that] the [parameter data] information relating to at least one property of the wireless communication device contains information about [the] at least one software property[ies] tof the wireless communication device (MS1-MS4) as at Col. 3. Lines 50 to 51 PHILITY souther that "Measurement of the 20. (Twice Amended) The method according to claim 1, wherein [characterised in that] the [parameter data] information relating to at least one property of the wireless communication device

21. (Twice Amended) The method according to claim 1, wherein [characterised in that] modification of the [parameter data]

contains information about [the] at least one preference[s] of the

user of the wireless communication device (MS1-MS4).

information, redating to athleast one a property of estherwireless communication are wireless than a revented

device (MS1-MS4) is prevented. It is noted that the PHILLIPS reference does include a claim (Claim stating that the operating protocol of a mobile terminal requesting Twice Amended) the method according to claim the further comprising bisteps: rmfor lestablishing lane call to for. transmitting information from attirst communication device (MSI MS4) to a second this negotiation might be achieved and there is certainly no communication device (MS1-MS4, S1, S2), [characterized in that] reference to parameter data in this content.

wherein said second communication device is a wireless communication edevice ad (MS1=MS4), and athen information ais coptimised coptimized for use by the second communication device, by using the [parameter data] Information relating to at least one property of the second wireless communication device.

344, 340 (CLPA 1970). Anticipation registed that every element of invention be previous? " "scribed 4 ... refer23.cd(Twice Amended) The method according to claim 1, further comprising steps of or performing communication between the mobile communication network (PLMN) and another communication device (MS1mobile communication network the storing of parameter data MS4, S1, S2), [characterized in that] wherein [the parameter data] recreasenting at least one property of the wireless communication device is transmitted to said another communication device: (MS1-MS4 ptS1 ptS2) Accordingly, it is submitted that PHILLIPS tanining doas hot skylenhama inglisears. 🗀 ප්පත්වුවක් විස ප්වේශ සිමුණුවිත්මුම

24. (Twice Amended) The method according to claim 1, further comprising steps for performing communication between the mobile communication network (PLMN) and another communication network (PSTN, PDN), re[characterized in that parameter data] wherein information relating to at least one property of the wireless communication device is transmitted to said another communication network (PSTN, PDN).

25. (Amended) The method according to claim 1, wherein information is transmitted from a first communication device (MS1) to a second communication device (MS2), [characterized in that] and wherein said second communication device is a wireless communication device (MS1-MS4), and [that] information to be

transmitted eisa converted iintequipformatid suitablem ffor fthee seconde wireless communitation ndeviceme (MS29atin) nthe giff it communitations Abstract) The Examiner contends that it would have been obvious device (MS1). for one of ordinary skill in the art to combine KURIKI's teaching with those of PHILLIPS and arrive at Applicants' invention as claim26, (Amended), cffhen method faceording pto chaim respentence in informationals transmitted from, affirst ecommunication adevice (MS1) to a second communication device (MS2), [characterized in that] and It will be seen that KURIKI discloses how an "information holding wherein said second communication device is a wireless device holds combination information representative of the communication device (MS1-MS4), and [that] information to be combination of the subscriber identity information and terminal transmitted is converted into arformata suitable for the second wireless .communication device (MS2) tin1 the communication entwork epimyresently defined in Applicants' claims, the specification discloses the formation of an information element comprising information for identifying a wireless communication device and information (Amended) A wireless communication device (MS1-MS4) information (Amended) A wireless communication device (MS1-MS4) wireless comprising [means, 165, 12) for rinforming at least jone tproperty tof said lewireless micommunication. device 1 (MS1-MS4) rectoted thmobile communication hetwork (PLMN) or characterized in that the wireless communications network not in the mobile terminal. communication device (MS1-MS4) further comprises]: clearly understood from the detailed description invention provided in his specification and specifically from Col. means (5,9) for storing information for identifying said so 81 regiswireless:fcommunication:device:(MS1-MS4)hein ItheI mobile IMEII communication network (PLMN) in the mobile communication as is device (MS1-MS4); lled in the art FIR is located in the communication Furthermore. is clear specification that in KURIKI's invention simplication information is means (5,12) - for transmitting said information forw the IMSI identifying said wireless communication device (MS1-MS4) fact, only from the wireless communication device (MS1-MS4) to the ually mobile communication network (PLMN); - 3. not strictly within the terminal at all;.

It smeans (5.9) for storing [parameter data] information related to [representing said] at least one property contation the wireless communication device (MS1-MS4), and the same the same time of the means (5, 12) for transmitting [the parameter data] said information relating to at least one property of the

speciminelless, communicate on ibdevice promontiable of wireless eless communicate of the communicate of the

communication network (PLMN),[.]
Regarding the Examiner's contention that those of skill would be motivated to combine KURIKI's teachings with those of PHILLIPS in a mawherein at an information relement to for nestoring said cants beliginformation for tidentifying said wireless communication the inapplevice land saidheinformatton of elating two rafereases one their in these references and does not exist. By way of a specific example, religious not discuss the wireless communication device (MS1-MS4) ameter 1-MS4) or parameter data and KURIKI does not disclose the storage of combination infor28.ti(Amended) nThe lwireless acommunication hydevice in (MS1-MS4)f according to elaims 2 vitcharacter i 2ed lin that are comprised y further a teaching of a method, apparatus or system equivalent to those of comprising means (ANT, 12) for transmitting said [parameter data] Applicants' invention and as presently defined in the claims. If information relating to at least one property of the wireless and Academy to a teaching were attempted, communication device toethe mobile ncommunication retwork tine connection with registration ofesaid wireless communication devices (MST-MS) torthe thobile communication hetwork (PIMN) a registration request received from the mobile terminal, as well as the ability of allowing mobile subscribers with identical IMSTs to communicate with 29. (Twice Amended) The wireless communication device (MS1-with 29. This would be communication to be a communication of the wireless communication device (MS1-with 29. This would be a communication of the wireless communication device (MS1-with 29. This would be a communication of the wireless communication device (MS1-with 29. This would be a communication of the wireless communication device (MS1-with 29. This wireless communication device (MS1-wit MS4) according to claim 27, [characterized in that it comprises] further comprising means (ANT, 12) for transmitting said [parameter data; information relating to at least one property of the wireless communication device to the mobile communication network prior to pacentable over the prior art in proper for allowance, so a call being set-up with said wireless communication device (MS1-MS4) was and passage to issue or this application is respectfully reduested,

- 30. (Twice Amended) The wireless communication device (MS1-MS4) according to claim 27, [characterized in that it comprises] Action is hereby betitioned and a sheek in the amount of \$400.00 is further comprising means (ANT, 12) for transmitting said [parameter data] information relating to at least one property of the wireless communication device transmitted from a said wireless communication with a handover. Hereby requested and and the device any other to begoest Assount No. 13-1359.
 - 31. (Amended) The wireless communication device (MS1-MS4)

according was chaimed 27 at 130] icompressing and International throbite station Equipment it dentity a (PMEI) at 1 [Character 12 ed tin that where in drawings will be filed upon allowance of the case the [parameter data] information relating to at least one property of the wireless communication device is stored in the International Mobile Station Equipment Identity (IMEI).

- 32. (Amended) The wireless communication device (MS1-MS4) according to claim 31, [characterized in that] wherein the Thomas P. Dowd Date International Mobile Station Equipment Identity (IMEI) comprises at least none Graield Liffor storing the [parameter, data] gainformation relating toward least one property of the Wireless-Communication device, the Tength of said field being fixed.

 Customer No.: 2512
- 33. (Amended) The communication device (MS1-MS4) according to claim 31 [32], [characterized in that wherein the International Mobile Estation fequipment is dentity of IMEI) comprises dated east when field for storings the fight ameter data the finformation is storing to at first class mail in a new releast communication device, said field Patents, washington, D.C. 20231. being of a variable length.
- 34. (Twice Amended) The wireless communication device (MS1-MS4) according to claim 31, [characterized in that] wherein the International Mobile Station Equipment Identity (IMEI) is divided into a non-modifiable part and a modifiable part, and [that] at least part of the [parameter data] information relating to at least one property of the wireless communication device is stored in said modifiable part.
- 35. (Amended) The wireless communication device (MS1-MS4) according to claim 31, [characterized in that] wherein the International Mobile Station Equipment Identity (IMEI) is stored in connection with manufacturing of the wireless communication device (MS1-MS4).
 - 36. (Amended) The wireless communication device (MS1-MS4)

according to Schain 31.:[340]9/5[characterized in that] wherein the International Mobile Station Equipment Identity (IMEI) is updated in connection with a change s of in the properties of the wireless communication device (MS1-MS4).
1. (Amended) A method for storing and informing at least one property of a wireless communication device (MS1-MS4) to a mobile 37. (Amended The wireless communication device (MS1-MS4) communication network (PLMN), in which information for identifying according to claims 27, [characterized in that it is] wherein the said wireless communication device (MS1-MS4) in the mobile device comprises a mobile phone.

Communication network (PLMN) is stored in the wireless communication device and information relating to[, characterized in 38. (Amended) The wireless communication device (MS1-MS4) that parameter data representing said at least one property of according to claim 27, [characterized in that it is] wherein the said wireless communication device (MS1-MS4) is stored in said device comprises a Communication device comprises a Communicator.

whreless communication device (MS1-MS4), and transmitted from said wireless communication device (MS1-MS4, to the mobile communication 39. (Amended) The wireless communication device (MS1-MS4) network (PLMN), wherein an information for storing said according to claim 27, [characterized in that it is] wherein the information for identifying said wireless communication device and device comprises a radio card.

Said information relating to at least one property of the wireless communication device (MS1-MS4) is formed in the wireless 40. (Twice Amended) The wireless communication device (MS1-communication device (MS1-MS4).

MS4) according to claim 27 comprising means for transmitting communication wireless MS4) information to the mobile communication network (PLMN) to be 2. (Amended) The method according to claim 1, [characterized transmitted further to a second wireless communication device (MS1-in that) wherein said [parameter data information relating to at MS4, S1, S2), [characterized in that the wireless communication lesst one orderty of the vireless communication device is device (MS1-MS4) comprises] further comprising means for converting transmitted from said wireless communication device (MS1-MS4) to the information to be transmitted into a format suitable for the the mobile communication network in constitution with registration of second wireless communication device (MS1-MS4, S1, S2) based on said wireless communication device (MS1-MS4, to the mobile [parameter data] information relating to at least one property of communication network (FLMN).

the wireless communication device received from said second wireless communication device.
3. (Twice Amended) The method according to claim 1, wherein [characterized in that] said [parametur [sta] information relating 41. (Amended) A wireless communication system comprising:
to at least one property of the wire as communication device
[at least] a mobile communication network (PLMN);[,] une that the dominant caston network office (MS1-MS4); [, and] said traless communication device (MS1-MS4); [, and] y dail beild aethab Mitu

means (5,9) for storing information for identifying said

wirelessmecommunicationetdevicec(MS1:MS4)toinclthen mobilederein [charcommunication thnetwork [pa(PLMN)er dima] theormwireless ating to atcommunication device (MS1:MS4); eless communication device is checked to determine if it is appropriate for the type of call duringeans 1 (5:412) upfort (informing eats deast mone appropriate) (MS1-MS4), transmitting asaid information lifered identifying a mesaid data) information the vicet (MS1:MS4) promy the wineless eless communication ce device an (MS1:MS4) efto the said e mobile.

communication network (PLMN), [characterised in that the system/comprises]dand furtherd comprising: to claim 1, wherein [characterized in that] said [parameter data] information relating to atmeansst(5),9) pforerstoringth (parameter data) niminformation ce is transcelating ton [representing said] matideast one viroperty-of64) to the <a href="https://doi.org/10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.10.1007/nce.100

wireless communication device (MS1-MS4), and

6. (Twice Amended) The method according to claim 1, wherein [charmeans:i(5;/12)n forstransmitting:e[the parameteroidata]orsaidating to atinformation metating of that deastesone opnoperation defice is transwirelesso communicationic device charmed cethee] wireless(MSC1) of transmitting device:n (MS1-MS4) Fl.to, said: smobile GPRS supprommunication) network (PLMN); and[.]

wherein is a least one property of the wireless communication to claim 41, [characterized in that it comprises] further comprising means (ANT, A12) defor transmitting said (parameter data) information relating to at least some means (ANT, A12) defor transmitting said (parameter data) information device (MS1+MS4).

communication chetwork (PLMN).

- 43. (TwiceledAmeRided) netline awireless toommunication viystem according to claim that [characterized donathat bit comprtises Fo<u>further comprtising</u> (Means (ANT) 12) sfort transmitting f [parameter sdata) g<u>said information drelating of the state least tione to property stoom there wireless communication device from said wireless communicated one device f (MS1) dto sther mobile communication network (PLMN) prior to a call being set-up with said mobile communication network (PLMN).</u>
- 10. (Twice Amended) The method according to claim 7, wherein [char44.ter(Amended)thThe] wire resord munication by Stem according eto claim 43, [characterized/limethattit comprises] if utther promprising means 1(5) for achecking the t[parameter data] information relating to attite astioner eproperty to fatthe ewireless communication bedevice etos determine tibnite is cappropriate if or athe type in floath during call set-up with said wireless communication device (MS1-MS4), and wherein a callicis Anotherstablished hid them [type of parameter information seel at ingetto that The astatome aproperty Sofatthe Ewireless communication levice (MS1-MS4).
- 45. (Twice Amended) The wireless communication system according to claim 41, [characterized in that it comprises] further comprising means (ANT 12). Informatransmitting said [parameter idata]: information relating to at aleast one property of the wireless communication device from said wireless communication device (MS1-MS4) to the mobile communication network (PLMN) in connection with a handover. Twice Amended) The method and the foliam 1, wherein [characterised in that] the [parameter in information relating to 346.les (Twice) Amended) cThe network less communications system according to claim 41; [characterized in that] dwherein Maid Smeans; (579) for storing then [parameter adata] sinformation relating to tataless one property of the wireless communication device comprises an International Mobile Station Equipment Identity (IMEI).

47.52 (Twice: Amended): The sawireless communication resystem

according to claim the that the whole communication network (PLMN) comprises means (MSC1) thorstoring the [parameter data] information relating to at least one property of the wireless icommunication deviced received grown lsaid 1 wireless communication device (MS1-MS4) reless communication device (MS1-MS4, S3) [is] comprises a mobile phone.

- 48. (Amended) The wireless communication system according to claim 147. comprising demobile recruices cswitching (centre) venter (MSC1)3/ct[characterized] time that 1 the cparameter i data 1/i wherein-Mthe information srelating mto catorleast one property of the wireless communication device is stored in said mobile services switching [centre]. centere(MSCh)led) The method according to claim 1, wherein [characterised in that] the wireless communication device (MS1-MS4) [is] 49mor(Twice rAmended) d. The wireless communication according to claim 47, comprising a register (GR)[, characterized in that3 the Tparameter data Pland: wherein the information relating eto: atthleast wone aproperty loftethe a wireless becommunication adevicetiis stored in asaidoregisteer(GR)of the wireless communication device contains information about. [the] et least one erops50: (Amended): The wireless: Communication system according to claim 41 [47], further comprising means for communication between the mobile communication network (PLMN) and another communication device c(MS1-MS4, inS1; has2) __hand wherein r[characterized in that] the mobile communication pnetwork (PLMN) rcomprises means i(MSC) exfore transmitting the sparameter data | information relating to at least one property of the wireless communication device to said another communication device (MS1-MS4, S1, S2).
- 20. (Twice Amended) The method according to claim 1, wherein (char51 ter(Twicen Amended) the Therawireless Communication resystems according as to occlaim pp41 tv [47], the further comprising a the answer communication between the communication network r(PLMN), and another communication network (PSTN, PDN), and wherein (characterized in that] the mobile communication network (PLMN) comprises means (MSC1) for transmitting the (parameter data) information relating to attaleast sone property of the wireless communication device to

another tcommunication network (@PSTN, @DN) property of the wireless communication device by the user of the wireless communication devic52.(M(Amended)isThe ewireless Communication system according to claim 41, further comprising means for establishing a call for communication detween the Twireless communication device 1(MS1+MS4)r and panother communication edevide s(MS1-MS4, S1,1S2) or characterized imfthat liwherein a the scommunication or sle poptimised Saptimized by using in the tiparameter data]-Minformation relating to iatedleasthone property of a the wireless communication device: is communication device (MS1-MS4), and [that] the information is [opti53].se(Amended)i2The fwireless)Communication system according to claim 141, their theram comprdsing means afor nestablishing at callt for transmitting trandscreceiving esinformation between cethe wireless communication device (MS1-MS4) and another communication device (MS1-MS4, (TS1ice S2)endand Wherein of characterized clinim that] in the information sisps optimised importanized afor tuse bby withe treceiving communication device; (by Musing) the the parameter data; deformation relating to) at cleast tone zproperty of whe swireless communication device ation relating to at least one property of the wireless communication device is transmitted to garant another communication devic54./M(Amended)31 The wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication, devices (MS1-MS4). to as second wireless: communication:device:(MS1-MS4);, \(\) characterized in that \(\) and wherein the direct wireless communication adevice (MS1) comprises means for converting the information to be transmitted into a format suitable. for the tsecond wireless communication device (MS1-MS4) : Wireless communication device is transmitted to the inother communication netwo55: ((Amended):) The wireless communication system according to claim 41 comprising means for transmitting information from a first wireless communication a device a (MS1-MS4) to a a second, wireless communication device (MS1-MS4), [characterized in that] and wherein the <u>mobile</u> communication enetwork (PLMN) comprises means for converting the information to be transmitted into a format suitable. for the second wireless communication device (MS1-MS4). Lt. 12 Lt.

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